

FINAL SEGMENT REPORT
DEVELOPMENT AND OPERATIONS

As required by

FEDERAL AID IN FISH AND WILDLIFE RESTORATION ACTS

- A. Name of Project: FISHING AND HUNTING ACCESS TRAIL DEVELOPMENT –
Bonner County
- B. Project Leader: Jerry Mallet
- C. Type of Work:

19. TRAIL WORK:

a. Development:

Following are details on trail construction work accomplished under this project during the period March 25, 1963 to December 31, 1964. This report is based on information furnished by the district rangers of the ranger districts in the Kaniksu National Forest where the various trails are located.

1) Caribou Lake Trail #58

Clearing on the trail was completed for a length of 4,000 feet; 1,000 feet remains to be done. The clearing was done to a standard width of eight feet over the length of trail completed and the same width will be cleared on the remaining trail segment.

Tread work has not been completed but the trail was used by both hikers and horsemen during the summer of 1964.

Two signs are installed at the present time giving directions to the trail, one at the junction of the Caribou Creek Road and the Pack River Road and the other at the junction of the trail and the Caribou Creek Road.

It is estimated that the cost of completing the 1.1 miles of trail from Caribou Road to Caribou Lake will be \$1,000. Tentative plans are for completion of the trail, with Forest Service funds, during Fiscal Year 1966.

2) Gem Lake Trail #554

The Gem Lake Trail was reconstructed and improved under the Accelerated Public Works Program to improve fishing access to Gem Lake. The trail starts from the Lightning Creek Road one-fourth mile above the upper Lightning Creek bridge and terminates at a camp spot near Gem lake. The total length of the trail is 1.3 miles.

The reconstruction of the Gem Lake Trail consisted of using as much of the old trail as possible with relocation around bog holes and creek bottoms. Also, the lower end of the trail was relocated to avoid crossing upper Lightning Creek and Gem Creek. Brushing, removal of rocks, stumps and bumper trees and installation of drainage was done on the full length of the trail. Brushing was done by brush hooks; treading was done by hand, using pulaskis and shovels. The average width of the brushed out portion of the trail is eight feet. Five metal culverts were installed for drainage purposes.

Approximately 50 people, with both riding and pack stock, have used the trail since its completion.

The trail was completed entirely with Accelerated Public Works funds.

3) Lake Estelle Trail #36

The Lake Estelle Trail was built to provide fishing access to Lake Estelle. The trail starts from Moose Creek Trail #237 three-fourths mile above the end of the Moose Creek Road and terminates at Lake Estelle. Its total length is 2.0 miles.

The trail was located as an all-purpose horse trail. Sustained grade is 10 percent or less. Two pitches exceed 10 percent and were necessary to avoid precipitous rock cliffs. These grades cannot be corrected without exceedingly high costs. Other pitches that exceed 10 percent will be corrected when the tread work is completed.

Felling of trees and windfall removal was done with a chain saw. Brushing was done by brush hooks and direct-drive chain saw. Treading was done by hand, using grub hoes, pulaskis and rock bars. Rock was drilled where necessary. Eight culverts were installed to provide drainage.

The trail has been completed to the lake. Signs have been erected, one at the road junction and one at the junction of the Moose Creek Trail.

The trail work was started under the Accelerated Public Works Program and \$7,300 was spent from those funds. In addition, the Forest Service used \$5,900 from its funds to complete the trail, for a total cost of \$13,200 for the two miles of trail.

4) Blacktail Lake Train #24

The trail work was done under the Accelerated Public Works Program to provide fishing access to Blacktail Lake. The trail starts one-half mile above the end of the Moose Creek Road on Moose Creek Trail #237 and terminates at Blacktail Lake. Its total length is 2.5 miles.

The trail location used from the Moose Creek Trail to the lake is longer than the route originally proposed, but it has less gain in elevation and necessitated very little rock work, making it a less expensive trail to build.

The small snowbrush was cut with brush hooks and a direct-drive chain saw was used on the alder and larger brush. Brush roots were grubbed and a light tread was made as the work progressed. A chain saw was used on windfalls and in felling trees. No rock work was done and the stumps have not been blown.

Very heavy brushing in tall snowbrush, alder and mountain ash, grubbing the brush roots and windfalls, made up the bulk of trail work. Boggy ground was encountered and some turnpiking or corduroying will be necessary. Tread has been pioneered on 2.0 miles of the trail and has been completed on .15 mile. The trail is completely brushed out for the 2.5 miles. At the present time the trail is suitable for foot travel but lack of good tread on the steep side slope between the first switchback and the pass into Deer Creek makes use of the trail difficult for horses.

Signing on the trail is at a minimum at this time. One sign has been erected at the junction of the Blacktail Lake Trail and the Moose Creek Trail. This sign shows the distance from the junction to the lake.

It is estimated that 11 culverts and 2 bridges will have to be installed before the trail is fully completed. In addition, 240 feet of corduroy work will be required in one boggy section.

Five thousand and seventy dollars in Accelerated Public Works funds have been used on this trail. It is estimated that it will require \$9,250 to complete the work. The Forest Service plans to allocate funds for the completion of the trail as funds become available.

Sketch maps showing the locations of the Gem Lake, Lake Estelle and Blacktail Lake trails are attached.

Submitted by:

Approved by:

Vernon B. Rich, Coordinator
Idaho Federal Aid

IDAHO FISH AND GAME DEPARTMENT

By -----
John R. Woodworth, Director

By -----
James C. Simpson, Chief
Fisheries Division





BLACKTAIL LAKE TRAIL #24
Trail Construction

Length 2.5 miles

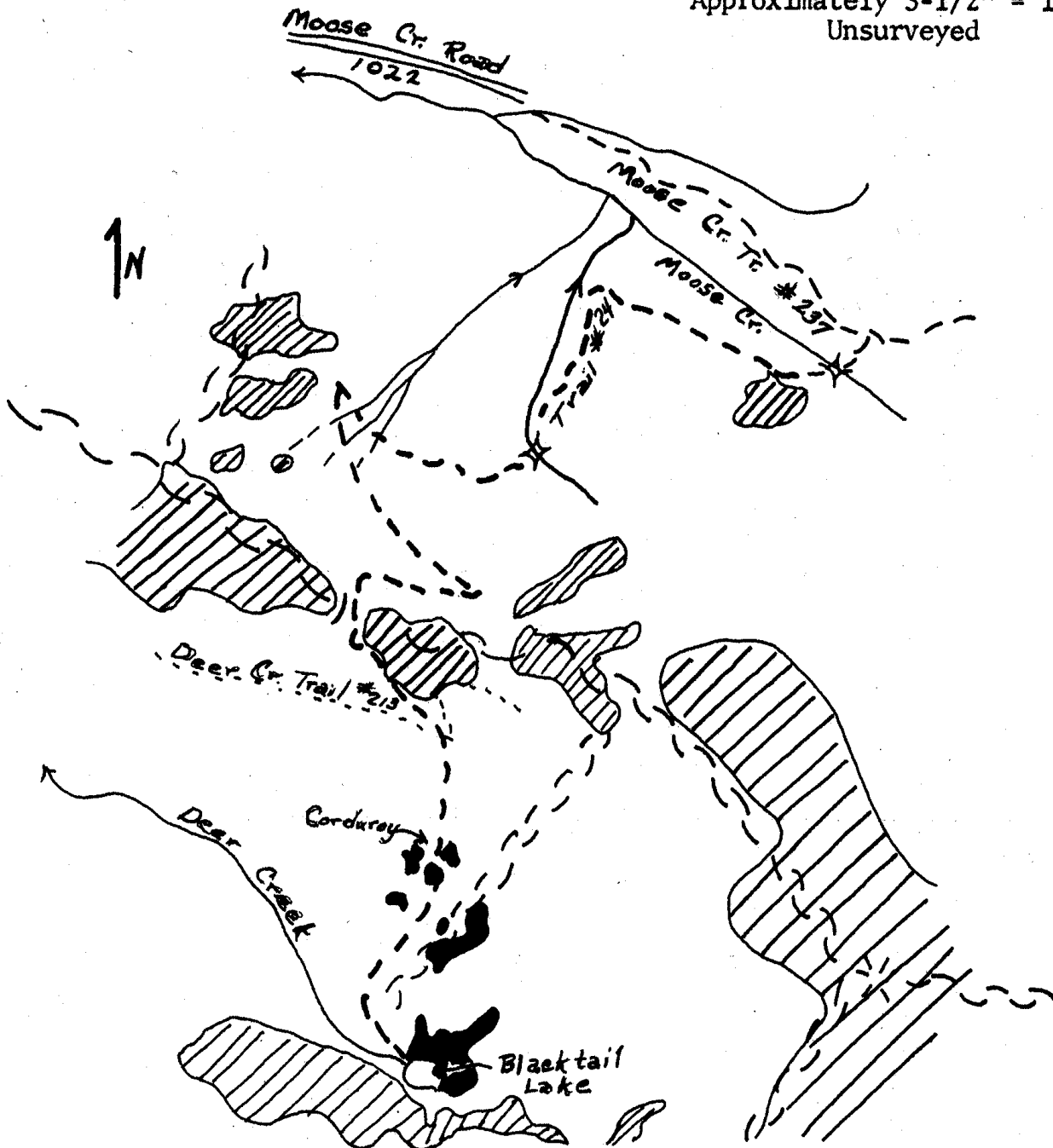
Clark Fork Ranger District, Kaniksu National Forest

T 58 N - R 2 E - R 3 E

Legend

-  Pass
-  Rock
-  Wet
-  Bridge

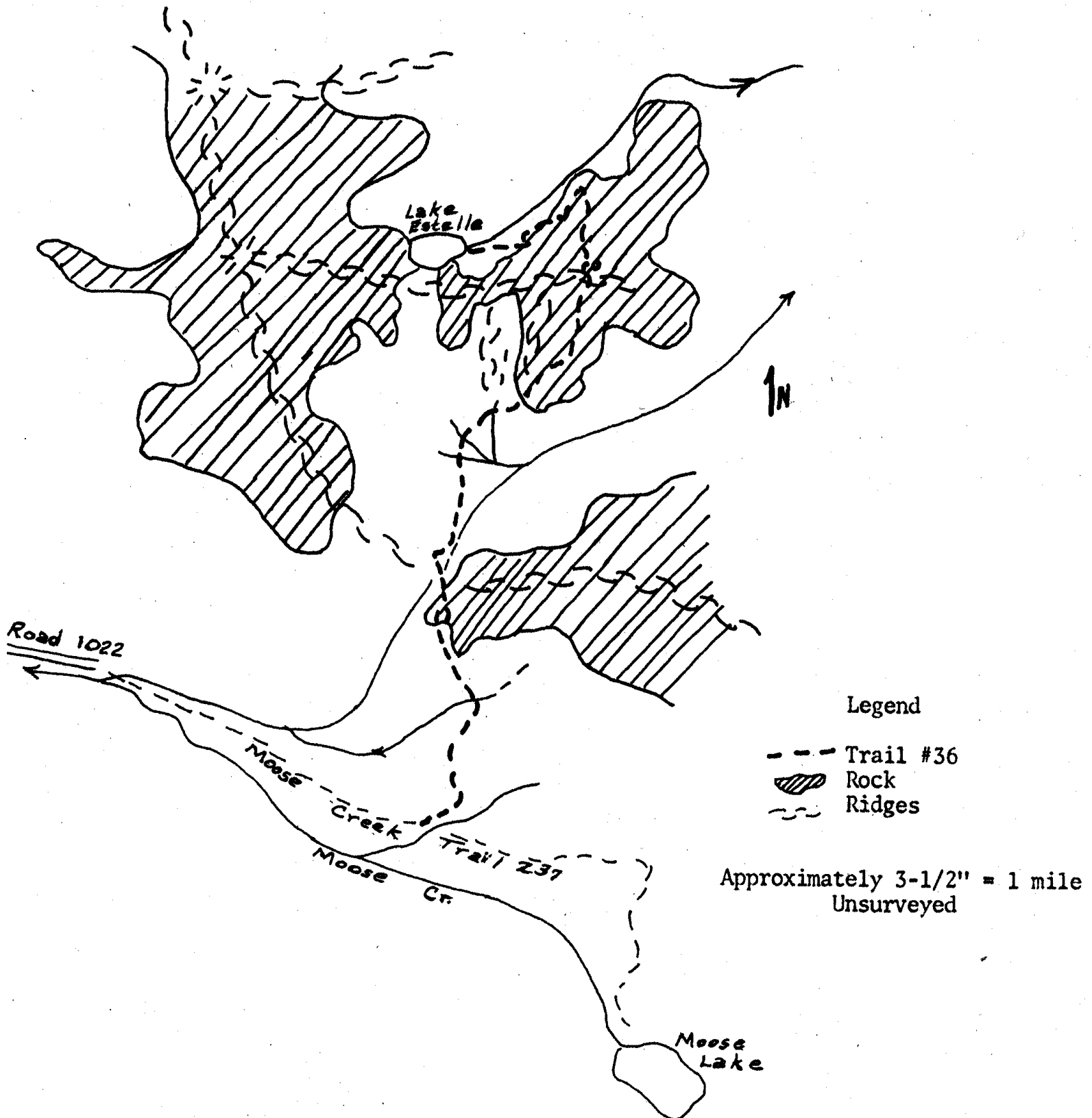
Approximately 3-1/2" = 1 mile
Unsurveyed



LAKE ESTELLE TRAIL #36
Construction 1963
Length 2.0 miles

Clark Fork Ranger District, Kaniksu National Forest

T 58 N - R 3 E




GEM LAKE TRAIL #554
Reconstruction 1963

Length 1.3 miles

Clark Fork Ranger District, Kaniksu National Forest

T 58 N - R 2 E

Legend

- ==== Logging Roads
- Old Trail 554
- Reconstruction of Trail 554
-  Rock

Approximately 3-1/2" = 1 mile
Unsurveyed

